

The DACS is the Department of Defense Software Information Clearinghouse. The DACS is sponsored by the Defense Technical Information Center (DTIC) through the Information Analysis Center (IAC) Program.

The DACS serves as a gateway to software technology information by providing access to WWW resources, publishing technical reports, hosting seminars, publishing the *Software Tech News* newsletter, presenting courses, and performing technical studies for patrons of the Center.

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Providing the Right Information at the Right Time

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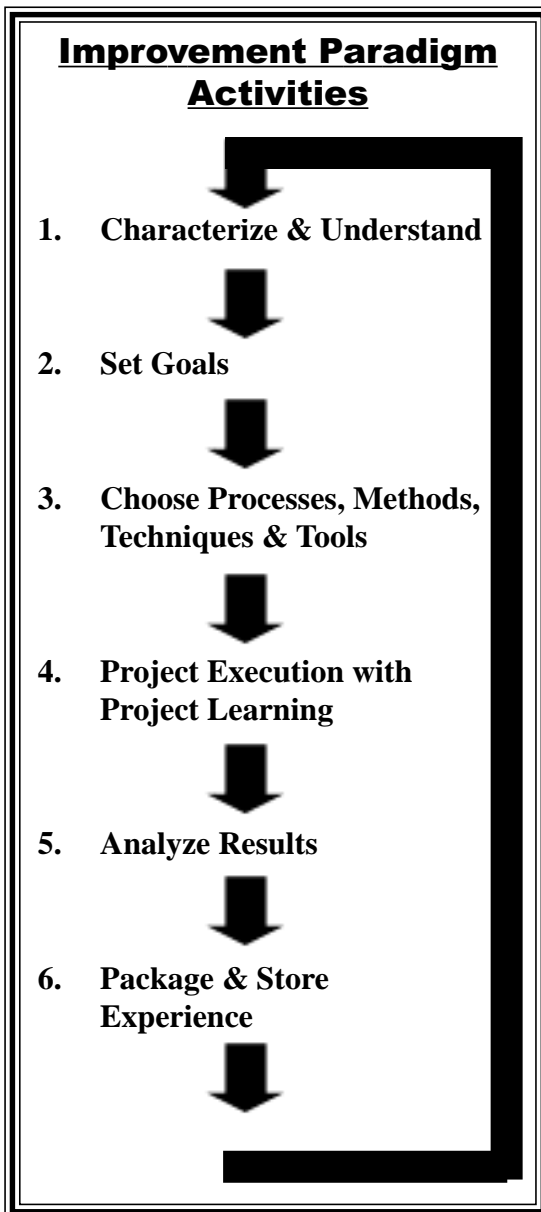
Software Product Improvement Services



Products & Services Available from the



Integrated Improvement Approaches



The state of the practice in the average United States software development company is poor:

- 25% of all software projects are killed
- Companies are releasing products to customers with 15% of the defects remaining in the product
- Many companies are spending from 30% to 44% of their time and money on reworking software they have already written
- Companies meet their schedules only 50% of the time¹

Staff from the DACS are knowledgeable in assessing an organization's software engineering maturity and capability and recommending process improvement techniques. Typical techniques and programs include SEI CMM, ISO 9000, commercial 'best practices' and establishing an experience factory. The right solution for your organization may be anyone of these or some combination tailored to your specific needs.

Our assessment may find other factors that require action in addition to process improvement including training programs, improved use of CASE tools and other infrastructure improvements, and assignment of higher skilled staff. However, to consistently achieve quality software products, a software process improvement program is required.

1. *A Business Case for Software Process Improvement*, DACS Technical Report, T. McGibbon 1996

DoD DACS Integrated Improvement Consulting Services

- ❖ Providing software capability evaluation for CMM, ISO 15504 and ISO 9001 assessment
- ❖ Developing experience factory for a project or organization
- ❖ Tailoring technologies, processes, and methodologies to improve productivity and quality
- ❖ Evaluating technologies for effective transfer and insertion
- ❖ Implementing a measurement program for improved quality and program control
- ❖ Recommending 'Best Practices' to improve program performance
- ❖ Training delivered on-line, classroom, and on-site

For other Software Process Improvement Resources
Visit the DACS WWW Site

www.dacs.dtic.mil